

ACTsmart 2

Product Overview

ACTsmart2 System allows easy configuration and maintenance of the ACTsmart2 devices. It consists of a Windows PC application (ACTWinSmart), the ACTsmart controller unit and a serial cable to connect the controller to the PC. The ACTsmart2 devices are available as Proximity, PIN and Proximity and PIN only. For cards and fobs for the ACTsmart2 System, please use ACTProx cards and fobs (see our Ordering Section for further details).

Main Features

- Simple graphical interface
- Digital keypad backlighting (ACTsmart2 1080/1090)
- 1 to 16 doors in Network mode
- 1000 users
- 16 user groups
- 100,000 event log on PC
- 1,000 event log buffer on controller
- Flash upgrade facility
- Built in translation facility
- Rapid on the fly downloading
- Choice of reader types Proximity, Pin and Proximity and Pin only

Installation / Specification Guidelines

- The ACTsmart2 system is designed to suit access control systems up to 16 doors
- The lock and door controls are contained in the reader
- The ACTsmart2 system is strictly an access control system. Please review the comparison chart on the reverse side of this leaflet to ensure it is suitable for customer's requirements
- The maximum cabling distance between the PC and the Smart2 controller is 30 metres
- The maximum network cabling distance between the controller and the last reader is 1.4km of twisted screened pair (Belden 9501 or equivalent)
- The controller and readers require a 12volt dc supply

Network System

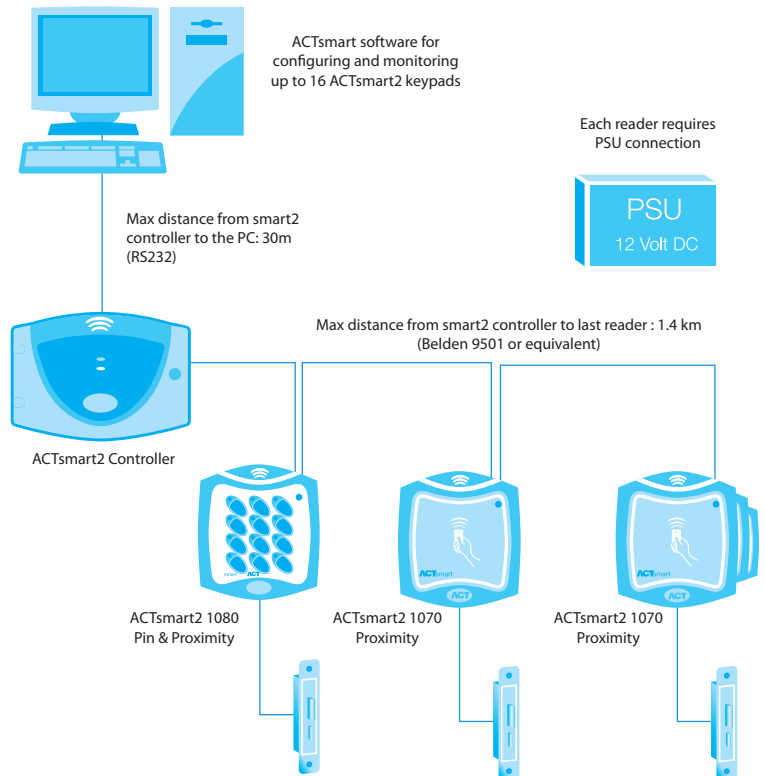
ACT

Access Control Technology



ACTsmart2 1070PM
(with ACT PM Flush Plate - purchase separately)

ACTsmart2 System



For built in electronic inputs / outputs use a DC supply for full functionality

ACTsmart 2

ACTsmart2 Controller

Product Specification

Operating Voltage	12 Volts DC
Current Consumption	200 mA max
Weight	340 grams
Operating Temperature	-10 to +50 C
Dimensions (HxWxD, mm)	100 x 190 x 57
Mounting	surface
Installation	indoor

Network System



ACTsmart2 Controller

Ordering Information

Controller	ACTsmart2 Controller
Proximity reader	ACTsmart2 1070
Proximity reader (panel mount)	ACTsmart2 1070PM
Pin & Prox reader	ACTsmart2 1080
Pin only reader	ACTsmart2 1090
Smart Lock	ACTsmart2 Lock
Flush Plate (for ACTsmart2 1070PM)	ACT PM Flush Plate
Proximity Key Fob	ACTProx Fob-B*
Proximity ISO Card	ACTProx ISO-B*
Proximity Half Shell Card	ACTProx HS-B*
Proximity & Mag Stripe Card	ACTProx DUO-B*

* These cards & fobs are compatible with the ACTpro-X and ACTsmart2 proximity reader range

PC Specification for ACTWin smart

Operating System:	Windows XP, 7, 2003, 2008
CPU:	1 GHz or faster for Windows 7 32bit
RAM	1GB or better
CD ROM drive	Yes
Serial Port	Yes

Cabling Chart

From	To	Cable	Restriction
PC	Controller	Twisted screen pair	30m
Controller	Readers	Twisted screen pair	1.4 km daisy chain

ACTsmart2 Readers - Specification

	1070 /1080/1090	1070PM
Operating Voltage	12 - 24 Volts AC/DC	
Current Consumption	60 - 100 mA max	
Weight	173 grams	72 grams
Operating Temperature	-25 to +60 C	
Dimensions (HxWxD, mm)	100 x110 x 35	63 x 58 x 23
Mounting	surface / flush	panel
Installation	indoor / outdoor (IP67)	

ACTsmart2 Feature Chart

	ACTWin smart	ACTWin Lite	ACTWin pro
Doors	16	64	2000
Users	1000	60,000	60,000
User Groups*	16	1,000	1,000
Time Zones	16	256	256
Event Log	100,000	infinite	infinite
Anti passback support		✓	✓
Timed anti passback support		✓	✓
Access Control reports	✓	✓	✓
Reports: roll call		✓	✓
Reports: Time & Attendance		✓	✓
User Tracking		✓	✓
Door command facility	✓	✓	✓
Administrator audit trail			✓
Password protection	✓	✓	✓
SQL server			✓
TCP/IP support		✓	✓
Upload facility	✓	✓	✓
Real time download	✓	✓	✓
Photo ID for each user	✓	✓	✓
Client server			✓

* The above table is for comparative purposes only. If the features of ACTWin pro or ACTWin Lite are required, the ACTpro 1000 / 2000 / 3000 controllers and ACTpro-X readers will have to be specified.

ACTProx Fob

Extremely robust with a max range of 8cm



ACTProx Fob



ACTProx ISO Card

ACTProx ISO Card

Suitable for ID printing with max read range of 8cm

ACTProx HS Card

Robust half shell card with max read range of 8cm



ACTProx DUO Card



ACTProx HS Card

ACTProx Duo Card

Prox & mag stripe with max read range of 8cm. Suitable for ID printing.

